

Title (en)

PROCESS FOR THE DEMINERALIZATION OF A LIQUID CONTAINING DISSOLVED ORGANIC SUBSTANCES AND SALTS

Title (de)

VERFAHREN ZUR DEMINERALISIERUNG EINER FLÜSSIGKEIT, DIE LÖSUNGEN VON ORGANISCHEN SUBSTANZEN UND SALZEN ENTHÄLT

Title (fr)

PROCEDE DE DEMINERALISATION D'UN LIQUIDE CONTENANT EN SOLUTION DES MATIERES ORGANIQUES ET DES SELS

Publication

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Application

EP 95920927 A 19950509

Priority

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- FR 9405682 A 19940509

Abstract (en)

[origin: US5851372A] PCT No. PCT/FR95/00595 Sec. 371 Date Oct. 24, 1996 Sec. 102(e) Date Oct. 24, 1996 PCT Filed May 9, 1995 PCT Pub. No. WO95/30482 PCT Pub. Date Nov. 16, 1995A process of demineralizing a liquid containing organic matter and inorganic salts in solution, in which the treatment of the liquid comprises the following steps: the liquid is percolated over a strong cationic ion exchange resin for monovalent ions; both a batch of liquid from the preceding step and a brine for receiving ions from that liquid are caused to circulate in loops through at least one "two-compartment" electrodialyzer comprising a plurality of anionic membranes interposed between a plurality of cationic membranes; and the brine whose salt concentration lies in the range 90 grams per liter (g/l) to 110 g/l is used to regenerate the ion exchange resin.

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IPC 8 full level

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WO 9530482 A1 19951116; AT E188891 T1 20000215; AU 2618595 A 19951129; AU 697252 B2 19981001; CA 2189681 A1 19951116; DE 69514651 D1 20000224; DE 69514651 T2 20000706; DK 0758922 T3 20000717; EP 0758922 A1 19970226; EP 0758922 B1 20000119; FI 964426 A0 19961104; FI 964426 A 19961120; FR 2719505 A1 19951110; FR 2719505 B1 19960614; JP H09512743 A 19971222; NZ 287458 A 19980924; US 5851372 A 19981222

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